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displaying image based on the reduced image [Search] Advanced Scholar Search

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[BOOK] High dynamic range imaging: acquisition, display, and image-based lighting
E Reinhard - 2006 - books.google.com
... imaging, including capture devices, display devices, file formats, dynamic range reduction, and
image-based lighting ... The same scene was photographed in HDR, and then prepared for display ...
LDR) image (8 bits per color channel per pixel), and the same image reduced to only ...
Cited by 405 - Related articles - Library Search - All 7 versions

The office of the future: A unified approach to image-based modeling and spatially immersive   [PDF] from psu.edu
displays
R Raskar, G Welch, M Cutts, A Lake... - Proceedings of the ..., 1998 - portal.acm.org
... (d) The final result, showing the initial image (with reduced optical range ... d Page 7. The Office
of the Future: A Unified Approach to Image-Based Modeling and Spatially Immersive Displays
7 ... If more than one projector is used, each projector can have a separate display engine. ...
Cited by 608 - Related articles - All 31 versions

Variance-based color image quantization for frame buffer display
SJ Wan, P Prusinkiewicz... - Color Research & ..., 1990 - Wiley Online Library
... colors in the original image exceeds K, it must be reduced to K before image display. This process
has been referred to as color image quantization,2 although the term ... posed an algorithm for
multidimensional data clustering (termed the variance-based algorithm), based on the ...
Cited by 146 - Related articles

Image processing system for classifying reduced image data
K Kawamura, M Suzuki - US Patent 5,576,759, 1996 - Google Patents
... such that photographs taken during con- tinuous photography may be easily viewed on a display, ...
the attitude of the camera at the time of photography is determined based upon the ... data is recorded
in the main buffer memory 3, and, additionally, the image data, while being ...
Cited by 24 - Related articles - All 2 versions

[BOOK] JPEG still image data compression standard
WB Pennebaker... - 1993 - books.google.com
... Adobe Photoshop, and Adobe Display PostScript are trademarks of Adobe Systems Incorporated,
which ... Products bearing SPARC trademarks are based upon an architecture developed by Sun ...
book is about JPEG, the new international standard for color image compression. ...
Cited by 2860 - Related articles - Library Search - All 6 versions

Information processing method and apparatus for displaying a list of a plurality of image data files
and a list of search results
M Enokida, Y Yoshida ... - US Patent 6,335,746, 2002 - Google Patents
... belongs to the desired directory, a display is presented to clearly indicate that this is a directory
and a thumbnail image based upon the ... 25 Specifically, since a thumbnail image per se is merely
for the purpose of displaying the general features of the full-size image, it is ...
Cited by 73 - Related articles - All 3 versions

The Laplacian pyramid as a compact image code   [PDF] from psu.edu
P Burt... - Communications, 1983 - ieeexplore.ieee.org
... Noncausal prediction, based on a symmetric neighborhood centered at each pixel, should yield
more accurate prediction and ... Let go(Q) be the original image, and g, (ii) be the result of applying
an ... and b) gl is low-pass filtered, and so may be encoded at a reduced sample rate. ...
Cited by 5675 - Related articles - All 103 versions

Vibratory tactile display of image-based textures
Y Ikei, K Wakamatsu... - IEEE Computer Graphics and ..., 1997 - computer.org
... Preliminary texture discrimination. We first investigated the discrimination of textures displayed
based on image ... Each pin of the tactile display was driven in the image's intensity level. We used
two categories of image data: images consisting of patterns small relative to fingertip ...
Cited by 62 - Related articles - BL Direct - All 8 versions

[PDF] The earth mover's distance, multi-dimensional scaling, and color-based image retrieval   [PDF] from psu.edu
Y Rubner, LJ Guibas - Proceedings of the ARPA Image ..., 1997 - Citeseer
... at the same time for- cus, because nearby images are large on the display, and context ... presented
in this paper open a novel set of tools and possibilities for image data-base nav ... between them
seem to capture well the perceptual similarity or dissimilarity of images based on their ...
Cited by 139 - Related articles - View as HTML - All 27 versions

Electronic still camera providing multi-format storage of full and reduced resolution images
DW Kuehns ... - US Patent 5,164,831, 1992 - Google Patents
... due to compression tech- niques, the "thumbnail" image would always be a known size based
on the ... would be a 1,280 by 1,024 pixel, 24-bit per pixel, compressed original image stored on ...
To display the image, it must first be expanded, and the resulting 4 Megabytes of informa ...
Cited by 280 - Related articles - All 2 versions

Method and apparatus for storing and displaying video image data in a video graphics system
P Crowe, CK Mizuyabu, Pt. Swan... - US Patent ..., 2001 - Google Patents
... of multiple page fetches that will occur when the display output engine 20 retrieves data from

the memory 10 will be **reduced**. ... Y" and :5 "UV" **data** must all be retrieved from the memory 10 in order to generate the **display** output 22 or to generate a new **image based on data** ...
Cited by 54 - Related articles - All 2 versions

Texture presentation by vibratory tactile **display-image based** presentation of a tactile texture
Y Ikei, K Wakamatsu... - Virtual Reality Annual ..., 1997 - ieeexplore.ieee.org
... Therefore, in general, the brightness intensity of an **image** must roughly match the height of texture protrusions. 5.2 **Image based display** procedure ... (3) Brightness of the **image** is **reduced** to ten levels, including zero level. **Display** window six.) II Fig. 8 Small element textures Fig. ...
Cited by 41 - Related articles - All 43 versions

View interpolation for **image** synthesis   [PDF] from psu.edu
SE Chen - Proceedings of the 20th annual conference ..., 1993 - portal.acm.org
... The number of holes can be **reduced** further if we place the two source ... on range **data** to establish the correspondence be- tween images, range **data** should be ... 5 CONCLUSIONS AND FUTURE DIRECTIONS The interactive speed which the **image-based display** has achieved ...
Cited by 1690 - Related articles - BL Direct - All 6 versions

Efficient and effective querying by **image** content   [HTML] from scientificcommons.org
C Faloutsos, R Barber, M Flickner, J Hafner... - Journal of intelligent ..., 1994 - Springer
... be used individually or in any weighted combination (as selected by the user), allowing, for example, queries **based** on color ... in order, from best match to nth best match (n is user-settable and we typically **display** the top ... Eazh **image** returned is displayed as a **reduced** "thumbnail ...
Cited by 1493 - Related articles - All 6 versions

Image-based visual hulls   [PDF] from psu.edu
W Matusik, C Buehler, R Raskar... - Proceedings of the ..., 2000 - portal.acm.org
... Because the cone has a fixed (scaled) cross section, the 3D ray intersections can be **reduced** to cheaper 2D ray intersections. ... "Fast Constructive Solid Geometry **Display** in the Pixel ... [14] Laurentini, A. "The Visual Hull Concept for Silhouette **Based Image** Understanding." IEEE ...
Cited by 723 - Related articles - All 20 versions

Display control apparatus for use in composite document processing apparatus
M Terasawa - US Patent 4,823,303, 1989 - Google Patents
... **Based** on the attribute **data** and window date, processor 11 reads out document **data** from document ... 50 The following explains this **image**-formation **data** storage operation, referring to the flowchart of ... 3. First, it is determined in step 41 whether or not the **display data** read from ...
Cited by 106 - Related articles - All 2 versions

Hyperspectral **image data** analysis   [PDF] from purdue.edu
D Landgrebe - Signal Processing Magazine, IEEE, 2002 - ieeexplore.ieee.org
... JANUARY 2002 The basis for space-**based** remote sensing is that information is available from the ... Such displays are referred to as displays in **image** space. (b) A **display** of the **data** of pixels of three materials as a function of wavelength by spectral band number. ...
Cited by 263 - Related articles - BL Direct - All 10 versions

[HTML] Medical **image** databases: A content-**based** retrieval approach   [HTML] from nih.gov
HD Tagare, CC Jaffe... - Journal of the American Medical ..., 1997 - ncbi.nlm.nih.gov
... Semantic imprecision is revealed in medically **image-based** knowledge by its inability to precisely articulate concepts such as (in the case ... The left **image** is a "cardiac four-chamber" MRI section **displaying** the cardiac chambers ... The middle **image** represents an interactively (more ...
Cited by 211 - Related articles - BL Direct - All 18 versions

The spectral **image** processing system (SIPS)--interactive visualization and analysis of imaging spectrometer data
FA Kruse, AB Lefkoff, JW Boardman... - Remote sensing of ..., 1993 - Elsevier
... BIP cube using convert to allow efficient spectral viewing and analysis Interactive Viewing and Analysis in SIPS_View **display** gray-scale **image** use Spectra ... images using the slider-bar to look for spectral differences produce a variety of color images **based** on absorption ...
Cited by 702 - Related articles - BL Direct - All 10 versions

Weighted mapping of **image data** samples to pixel sub-components on a **display** device
W Hill, M Duggan, LB Keely Jr ... - US Patent ..., 2001 - Google Patents
... mapping the samples to pixel sub-components which form a pixel element of an LCD **display** so that ... As a result, each of the pixel sub-components represents a different portion of the **image**. ... generated for each of the red, green, and blue pixel sub-components **based** on different ...
Cited by 112 - Related articles - All 2 versions

Image-based crowd rendering   [PDF] from psu.edu
F Tecchia, C Loscos - IEEE computer graphics and ..., 2002 - computer.org
... Second, we **reduced** the amount of texture memory, letting us load many different kinds ... texture memory required for one human, as well as find new **displaying** methods to ... Choosing the Impostor Representation. Back to Top. When we use **image-based** representation to render ...
Cited by 75 - Related articles - All 17 versions

Multisensor **image** fusion using the wavelet transform   [PDF] from ucsb.edu
H Li, BS Manjunath... - Graphical models and image processing, 1995 - Elsevier
... The image is stretched to make full use of the **display** range. ... 7c and it can be seen that the contrast of the unique structures in either of the images is **reduced**. This problem is basicly solved using the wavelet transform-**based image** fusion scheme as shown in Fig. 7d. ...
Cited by 676 - Related articles - BL Direct - All 8 versions

Image data compression: A review
AK Jain - Proceedings of the IEEE, 1981 - ieeexplore.ieee.org

... Other measures [20], [209] **based** on spatial domain characteristics such as "visibility" will be considered ... Although the jump or **image** breakup effect is significantly **reduced** by line interlacing, spatial ... **IMAGE** QUANTIZATION Since most digital **image data** compression algorithms ...
Cited by 589 - Related articles - Library Search - All 5 versions

Plenoptic modeling: An **image**-based rendering system   [PDF] from psu.edu
L McMillan - Proceedings of the 22nd annual conference ..., 1995 - portal.acm.org
... CR Descriptors: I.3.3 [Computer Graphics]: Picture/**Image** Gen- eration- **display** algorithms, viewing algorithms; I.3.7 [Computer Graphics]: Three-Dimensional Graphics and Realism- hidden line/ surface removal; I ... in **image-based** systems the underlying **data** rep- resentation ...
Cited by 1021 - Related articles - All 55 versions

Digital video tape recorder capable of accurate **image** reproduction during high speed tape motion
N Mirawa - US Patent 5,198,941, 1992 - Google Patents
... 0th stage **data** are applied to 0th stage **image** forming circuit 19, which circuit 19 forms the rough reproduction video signal **based** only on .... The rough reproduction video signal is applied to an external **displaying** appara- tus such as a monitor TV, and a rough **image** is repro- ...
Cited by 109 - Related articles - All 2 versions

Method and apparatus for dynamically selecting an **image** compression process **based** on **image** size and color resolution
BJ Dawson - US Patent 5,553,160, 1996 - Google Patents
... storing information and instruc- tions, a **display** device 107 coupled to bus 100 for **displaying** information to ... image router 151 operates in a conventional manner to direct the uncompressed **image** to either lossless compressor 152 or lossy compressor 153, **based** on the ...
Cited by 79 - Related articles - All 2 versions

Digital **Image** compression employing a resolution gradient
CFR Weiman - US Patent 5,103,306, 1992 - Google Patents
... Near range coverage is **based** on the cameras 12, 14 and 16 being mounted three feet above the ground ... The viewer, a 13 inch **display** at 20 inches, and a 21 inch **display** at 31 ... One **image** pixel in a pixel line subtends 0.05 degrees or 3.5 minutes of arc, adequate for ...
Cited by 174 - Related articles - All 2 versions

[BOOK] Remote sensing digital **image** analysis: an introduction   [PDF] from gbv.de
JA Richards - 2006 - books.google.com
... 12 is **based** and, during his time as a student, helped the author understand the ... given along with means by which the fast Fourier transform algorithm can be used on **image data**. ... hardware and particularly the archi- tecture (in block form) of interactive **image display** sub-systems ...
Cited by 5344 - Related articles - Library Search - All 16 versions

Method and system for producing from document **image** a form **display** with blank fields and a program to input data to the blank fields
H Tokeda, M Tsunbys, H Suzuki... - US Patent ..., 1993 - Google Patents
... 57] ABSTRACT A **data** processing system for inputting **data** to a form **display** includes a ... a processor for recogniz- ing character and line patterns from the form document **image** supplied from ... depending on the physical structure **data** so as to automatically produce **based** on the ...
Cited by 62 - Related articles - All 2 versions

The finer things in X-ray diffraction **data** collection   [PDF] from cornell.edu
JW Pflugrath - Acta Crystallographica Section D: Biological ..., 1999 - scripts.iucr.org
... D55, 1631-1640.) have proposed a method to separately scale each **image based** on the ... shutter and goniometer control and significant crystal radiation damage, per-**image** scale factors will ... d*TREK has modules for **displaying** images, finding spots, three-dimensional Fourier ...
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